



PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	45144-

Sheet

1

of

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MS		SAKAMOTO, et al., Effect of a Toothbrush with Ion-coated Nylon Filaments on Gingival Tissue in Dogs and Dental Plaque Accumulation in a Man, 2002, pp. 221-228, J. Dent. Hlth. 52; Okayama Univ. School of Medicine, Japan	
MS		WATANABE, et al., A Clinical Study to Evaluate the Effectiveness of a Multi-mineral Nylon Abrasive Filament (NAF) Toothbrush; pp. 1-12, Okayama University School of Medicine, Japan	

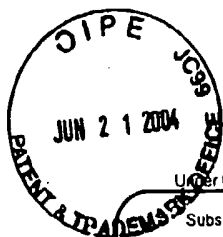
Examiner Signature		Date Considered	10-27-04
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Sheet 1

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MS		US- D253,973	1/15/1980	Rosse	
		US- D309,354	7/17/1990	Rizzuto et al.	
		US- D411,333	6/22/1999	Smal	
		US- D424,742	5/9/2000	Hirata	
		US- 236,522	1/11/1881	Wilson	
		US- 278,944	6/5/1883	Hauce	
		US- 294,309	2/26/1884	Campbell	
		US- 1,455,696	5/15/1923	Wright	
		US- 2,155,282	4/18/1939	Schoenling	
MS		US- 3,228,845	1/11/1966	Najjar	
		US- 3,613,143	10/19/1971	Muhler et al.	
		US- 3,618,154	11/9/1971	Muhler et al.	
MS		US- 3,703,766	11/28/1972	Tibbals	
		US- 4,035,865	7/19/1977	McRae et al.	
		US- 4,143,126	3/6/1979	Gaffar	
		US- 4,151,850	5/1/1979	Nathe et al.	
		US- 4,242,567	12/30/1980	Carter	
MS		US- 4,477,716	10/16/1984	Thaler et al.	
		US- 4,500,939	2/19/1985	Gueret	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
MS		DE 19711676 A1	9/24/1998	Kim		
		DE 3120576 A1	1/5/1983	Segner		
		DE 19803175 A1	7/29/1999	Technomed Gesellschaft		
MS		EP 0 077600 A2	4/27/1983	Takimae		
		EP 1 086634 A1	3/28/2001	Create Co., Ltd		
MS		EP 0 0160320 A2	11/6/1985	E.I. Du Pont		

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Lined-through patents are duplicates of prior citations.



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Sheet 2

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Attorney Docket Number	45144

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
MS		US- 4,549,560	10/29/1985	Andis	—
MS		US- 4,567,904	2/4/1986	Pitcher et al.	—
		US- 4,610,925	9/9/1986	Bond	—
MS		US- 4,739,151	4/19/1988	Smal	—
		US- 4,740,669	4/26/1988	Takimae	—
		US- 4,886,972	12/12/1989	Nakai et al.	—
		US- 4,917,078	4/17/1990	Zaborowski	—
		US- 5,056,227	10/15/1991	Kramer	—
		US- 5,124,143	6/23/1992	Muhlemann et al.	—
		US- 5,224,397	7/6/1993	Yoo	—
		US- 5,266,304	11/30/1993	Baffelli et al.	—
		US- 5,357,988	10/25/1994	Nakamura	—
		US- 5,531,675	7/2/1996	Yoo	—
		US- 5,787,525	8/4/1998	Sugihara et al.	—
		US- 5,799,671	9/1/1998	Takimae	—
		US- 5,848,599	12/15/1998	Todd	—
		US- 5,891,473	4/6/1999	Stanier	—
		US- 5,934,293	8/10/1999	Kaizuka	—
MS		US- 5,935,483	8/10/1999	Kong	—

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
MS	-	GB 1210385	10/28/1970	Muntz	—	
	-	GB 2301772 A	12/18/1996	Tokyo Biox Corp	—	
	-	EP 0927544 B1	7/7/1999	Altshuler, Grigory, Borisovich	—	
	✓	JP 03241025	10/28/1991	J PII U:KK	—	
	✓	JP 03250088	11/7/1991	Toshio	—	
MS	✓	JP 956472	3/4/1997	—	—	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

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Examiner Name	
Attorney Docket Number	45144

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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
MS	✓	JP 09121996	5/13/1997	Beam Kogoyo KK	_____	
J	✓	JP 11056425	3/2/1999	Yoshida Kogyo:KK	_____	
J	✓	JP 2000-128750	5/9/2000	Seniru Laboratories Co.	_____	
J	✓	JP 2001288679	10/19/2001	Toray Ind Inc.	_____	
MS	✓	JP 2002-313855	10/25/2002	_____	_____	
		JP 63150041	6/22/1988	Daiyu Shoji KK	_____	

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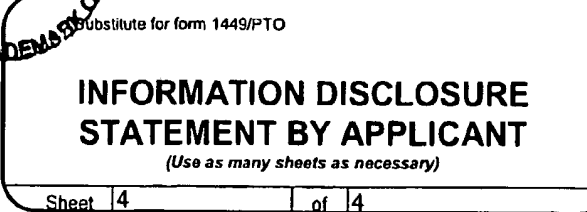
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 63238808	10/4/1988	Maeda Nobuhide		
MS	✓	RU 2108299	4/10/1998	Georgievich		
I	✓	WO 02/058449 A2	8/1/2002	Hydro Enterprises		
J	✓	WO 02/058449 A3	8/1/2002	Hydro Enterprises		
MS	✓	KR 0117366	7/18/1996	Kaisuka		

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